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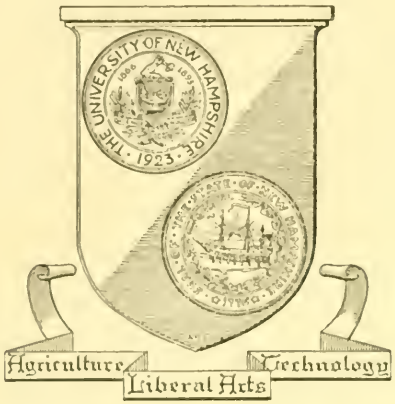

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Bulletin 309 July, 1938

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION

DEPARTMENT OF AGRONOMY

Results of Seed Tests for 1938

MADE FOR THE
STATE DEPARTMENT OF AGRICULTURE

By BESSIE G. SANBORN

THE UNIVERSITY OF NEW HAMPSHIRE
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RESULTS OF SEED TESTS

Made July 1, 1937, to June 30, 1938

This report contains the results of the inspection for the State Department of Agriculture of three hundred and ninety-two official samples collected throughout the State during the period from July 1, 1937, to June 30, 1938. Each of these samples was analyzed and the results mailed to the retail dealers concerned. In addition to these official samples, fifty-one private samples were analyzed, making a total of four hundred and forty-three samples inspected.*

The seed law does not prohibit the sale of poor seed but it does require that all seed be labelled to show its quality. The buyer is protected by observing the guarantee. The purpose of the seed inspection work is to determine, within reasonable limits, whether a sample of seed is as good as it is guaranteed to be. Samples found "below" must be remarked or removed from sale.

The attention of seed purchasers should be called to the fact that the germination figure is based on the pure seed present, and is a statement of the actual number of seeds in every hundred that are capable of growth. The actual value of a sample for production purposes cannot be greater than the product of the percentage of purity multiplied by the percentage of germination. For instance, in the case of a sample of unhulled Red Top, guaranteed 50 per cent purity and 90 per cent germination, the actual seeding value of the sample is .50 x .90, or 45 per cent (not 90 per cent as might be assumed from looking at the germination only.) In other words, 45 per cent of the weight of that sample is live seed, the rest is inert matter or dead seeds. Likewise, in the case of a sample of alsike clover, guaranteed 91.15 per cent purity,

*Miss Ruth Davison and Miss Dorothy Phelps assisted with the germination and purity tests herein reported. For their services the writer wishes to express grateful acknowledgement.

and 87 per cent germination, the actual seeding value of the sample is .9115 x .87, or 79 per cent.

A certain amount of variation is to be expected in comparing the results of two or more purity analyses. For this reason a "tolerance" or difference is allowed between the average results of our tests and the guarantee in accordance with the following formula. The sample is considered as being made up of two parts, the one being the pure seed and the other the balance of the sample. The tolerance in per cent allowed for the larger part or pure seed is two-tenths of one per cent plus 20 per cent of the lesser part. For instance, if a sample is guaranteed 99.60 per cent pure seed, it may test as low as 99.32 per cent or as high as 99.88 per cent and would be "satisfactory." In the same way, a sample guaranteed 92.80 per cent may test as low as 91.17 per cent or as high as 94.43 per cent and be "satisfactory." If a sample is found to be better than the highest figure in the tolerance, it is marked "above" in this bulletin; if lower than the lowest figure, the actual figure is reported.

A wider tolerance for germination than for purity is allowed between the results of the test and the guarantee, as follows:

Guarantee per cent	*Allowable variation per cent*
90 or over	6
80 or over but less than 90	7
70 or over but less than 80	8
60 or over but less than 70	9
Less than 60	10

Accordingly, a sample guaranteed 92 per cent germination is "satisfactory" if it tests 86 per cent to 98 per cent. A sample guaranteed 85 per cent may fall as low as 78 per cent or as high as 92 per cent. If a sample tests higher than the per cent of variation allowed, it is marked "above" in this bulletin, or, if it tests below the variation allowed, the actual figure is reported.

The summary table on the last page will show the general results of the seed inspection work for the year ending June 30, 1938.

COMPARISON OF SEEDS FOR NINE YEARS

	Number of Samples Tested	Below in Purity		Below in Germination	
		Number	Per cent	Number	Per cent
1930	375	51	13.6	74	19.7
1931	385	36	9.3	68	17.6
1932	357	23	6.4	46	12.8
1933	384	30	7.8	37	9.6
1934	412	22	5.3	62	15.0
1935	391	28	7.1	74	18.9
1936	430	34	7.9	84	19.5
1937	439	31	7.0	70	15.9
1938	392	60	15.0	75	19.1

SEED INSPECTION, 1938

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10858	Alfalfa (1496) Ayers & Jenkins Co., Rochester	S	99.56	S	82
10879	Alfalfa, Grimm (027656) Central Grain Co., Manchester	S	99.44	S	73
11062	Alfalfa, Affadavit Grimm (2210) Checkerboard Feed Store, Lebanon	S	99.25	S	85
10815	Alfalfa, Grimm (27927) Farm Service Co., Exeter	S	99.72	S	80
10710	Alfalfa, Grimm (Pine Tree, 2765) Merrimack Farmers' Exc., Inc., Concord	S	99.02	S	82
10771	Alfalfa, Grimm (027660) S. A. Schurman & Son, Portsmouth	S	99.72	S	72
10927	Alfalfa, Grimm (28-129) Sunshine Feed Store, Keene	S	99.06	S	80
11059	Alfalfa, Grimm (28-76) Sunshine Feed Store, West Lebanon	S	99.26	S	82
10696	Alfalfa, Grimm (Pine Tree, 2755) John B. Varick Co., Manchester	S	99.48	S	71
10841	Alsike Clover (5064) Ayers & Jenkins Co., Rochester	S	98.88	S	82
10884	Alsike Clover (Ace, 21-444) Boynton & Ellis, Inc., Claremont	S	96.97	S	85
11021	Alsike Clover (Anchor, 25-148) G. F. Clement & Son, Lisbon	A	97.00	S	85
11017	Alsike Clover Eastern States Farmers' Exc., Concord	S	98.50	S	70
10845	Alsike Clover (12129) Farm Service Co., Derry	96.70	98.67	32	91
10760	Alsike Clover (12129) Farm Service Co., Dover	97.75	98.67	S	91
10834	Alsike Clover (Pine Tree, 21328) Farm Service Co., Exeter	S	98.55	S	82
10980	Alsike Clover (Liberty, 6300) Farmers Grain Store, Ashland	S	98.64	S	86
10976	Alsike Clover (B 1151) Farmers Grain Store, Ashland	S	98.50	S	85
10753	Alsike Clover (6300) Farmers Grain & Feed Co., Lancaster	S	98.64	S	86
10838	Alsike Clover (Pan American, 1969) Eugene C. Foss Co., Rochester	S	98.30	S	80
11016	Alsike Clover (Pan American) John H. Griffin, Newmarket	S	98	S	80
10895	Alsike Clover (Special, 16710) Holbrook Grocery Co., Keene	98	99	S	70
11055	Alsike Clover (Ace, 21370) The Holbrook Grocery Co., Woodsville	95.95	97.10	S	88

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10932	Alsike Clover (Pine Tree, 21-518) — E. C. & W. L. Hopkins, Inc., Greenfield	S	98.58	S	95
10970	Alsike Clover (Pan American, 1854) Meredith Grain Store, Meredith	97.42	98.30	S	73
10706	Alsike Clover (Pine Tree, 21307) — Merrimack Farmers' Exc., Inc., Concord	S	98.70	S	81
10803	Alsike Clover (Pine Tree, 21-5101) Merrimack Farmers' Exc., Inc., Derry	S	98.76	S	81
10788	Alsike Clover (Pan American, 1511) J. J. Moreau & Son, Manchester	S	98.39	S	80
10829	Alsike Clover (Pan American, 1601) Nashua Grain Co., Nashua	S	98	51.5	78
10913	Alsike Clover (Liberty, 6955) ..... Nelson Warner Co., Charlestown	S	98.66	S	88
10916	Alsike Clover (Liberty, 3746) ..... W. N. Potter Grain Stores, Inc., Winchester	S	99.06	S	83
10772	Alsike Clover (Ace, 21329) ..... S. A. Schurman & Son, Portsmouth	S	97.45	S	88
10750	Alsike Clover (21-224) ..... F. B. Spaulding Co., Lancaster	S	95	S	94
10926	Alsike Clover (Arco Brand, 25-145) Sunshine Feed Store, Keene	S	99.68	S	80
10831	Alsike Clover (25-74) ..... Sunshine Feed Store, Manchester	S	97.65	S	80
10733	Alsike Clover (Ace, 21266) ..... Thompson & Hoague Co., Concord	S	96.20	S	70
10680	Alsike Clover (Ace, 021225) ..... John B. Varick Co., Manchester	S	98.25	S	82
10799	Barley (6-row, State, 81617) ..... J. J. Moreau & Son, Manchester	S	99	S	95
10781	Barley (2-row, 1071771) ..... S. A. Schurman & Son, Portsmouth	S	99.46	S	97
10683	Barley (6-row, Velvet, 71262) ..... John B. Varick Co., Manchester	S	98.69	S	95
10835	Bluegrass, Kentucky (032734) ..... Farm Service Co., Exeter	S	86	S	85
11040	Bluegrass, Kentucky ..... Holbrook Grocery Co., Woodsville	S	82	S	73
10755	Bluegrass, Kentucky (Choice, 3713) J. H. Seavey, Dover	S	85.51	S	85
10757	Bluegrass, Kentucky ..... J. H. Seavey, Dover	S	82.50	54.5	81
10729	Bluegrass, Kentucky (032734) ..... Thompson & Hoague Co., Concord	S	86	S	85
10673	Bluegrass, Kentucky (032750) ..... John B. Varick Co., Manchester	S	87.30	S	85

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10674	Bluegrass, Kentucky (032714) ..... John B. Varick Co., Manchester	S	85.20	S	80
11049	Buckwheat, Japanese ..... Holbrook Grocery Co., Woodsville	S	95.26	S	98
10719	Buckwheat, Japanese (86127) ..... Merrimack Farmers' Exc., Inc., Concord	S	99.80	S	88
10782	Buckwheat, Japanese (8161) ..... S. A. Schurman & Son, Portsmouth	S	99.68	S	90
10705	Crimson Clover (022139) ..... Merrimack Farmers' Exc., Inc., Concord	S	98.75	75	85
10679	Fescue, Chewing's (034356) ..... John B. Varick Co., Manchester	S	98.40	66	80
10738	Field Peas (Chang) ..... Eastern States Farmers Exc., Manchester	S	99.25	S	80
10975	Field Peas, Canada (145) ..... Farmers Grain Store, Ashland	S	99.50	S	90
11044	Field Peas, Canada (85433) ..... Holbrook Grocery Co., Woodsville	S	99.50	S	88
10717	Field Peas, Canada (85397) ..... Merrimack Farmers' Exc., Inc., Concord	S	99	83.5	93
10718	Field Peas, Canada (25396) ..... Merrimack Farmers' Exc., Inc., Concord	S	99	S	93
10936	Field Peas (85-22) ..... Merrimack Farmers' Exc., Inc., Peterborough	S	99	S	86
10783	Field Peas, Canada (9539) ..... S. A. Schurman & Son, Portsmouth	S	99	56	90
10780	Field Peas, Canada (3337) ..... J. H. Seavey, Dover	S	99	86	94
10748	Field Peas, Canada ..... Thompson & Hoague Co., Concord	S	99	71	88
10695	Field Peas, Canada (85431) ..... John B. Varick Co., Manchester	S	99	S	85
10775	Millet, Golden (9064) ..... S. A. Schurman & Son, Portsmouth	S	98.76	S	90
10902	Millet, Hungarian ..... Abbott Grocery Co., Keene	S	99	67.5	90
11051	Millet, Hungarian (J 6638 B) ..... L. C. Berry, Lebanon	S	97	A	83
10959	Millet, Hungarian (8341) ..... W. B. Brown, Ashland	A	98.50	S	87
10944	Millet, Hungarian (04717) ..... W. A. Bryer & Co., Peterborough	S	99.14	0	85
10881	Millet, Hungarian (8352) ..... Central Grain Co., Manchester	S	98.56	S	80

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10967	Millet, Hungarian (6) ..... Chase Grain Mill, Plymouth	S	99	S	90
11024	Millet, Hungarian (6344) ..... Clark & Richardson, Lisbon	S	98	S	91
10868	Millet, Hungarian (J 62936) ..... Freeman Corson, Rochester	98.85	99.54	67	85
10869	Millet, Hungarian (5679) ..... Freeman Corson, Rochester	S	98.95	S	91
10870	Millet, Hungarian (6344) ..... Freeman Corson, Rochester	S	97.68	S	91
10791	Millet, Hungarian (9052) ..... S. A. Dow & Son, North Hampton	S	98.37	S	90
10946	Millet, Hungarian (83-58) ..... Frank Dunn, Wilton	97.50	99.08	74.5	85
11006	Millet, Hungarian ..... Eastern States Farmers' Exc., Concord	A	98.60	S	80
10740	Millet, Hungarian ..... Eastern States Farmers' Exc., Manchester	A	98.60	S	80
10806	Millet, Hungarian (8333) ..... Farm Service Co., Derry	S	98.60	67.5	90
10759	Millet, Hungarian (8333) ..... Farm Service Co., Dover	A	98.60	65.5	90
10981	Millet, Hungarian (Fullworth. 35708) ..... Farmers Grain Store, Ashland	S	99.58	S	86
10867	Millet, Hungarian (9056) ..... Eugene C. Foss Co., Rochester	97.55	98.50	S	90
10938	Millet, Hungarian ..... Goodnow Bros., Inc., East Jaffrey	S	99.60	S	85
11007	Millet, Hungarian (9046) ..... J. H. Griffin, Newmarket	S	99	S	90
10896	Millet, Hungarian (38-88) ..... Holbrook Grocery Co., Keene	97.57	99.12	71.5	88
11048	Millet, Hungarian (8352) ..... Holbrook Grocery Co., Woodsville	S	98.56	S	81
10864	Millet, Hungarian ..... J. Jones & Son, Alton	S	99	S	90
10951	Millet, Hungarian (7277) ..... James H. Kiniry, Claremont	97.43	98.50	S	85
10851	Millet, Hungarian (83-58) ..... H. P. Maxfield, Pittsfield	S	99.08	S	85
10854	Millet, Hungarian ..... H. P. Maxfield, Pittsfield	S	98	63	90
10969	Millet, Hungarian (Fancy) ..... Meredith Grain Store, Meredith	S	99	S	90

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10726	Millet, Hungarian (83-51) ..... Merrimack Farmers' Exc., Inc., Concord	S	98.44	S	86
10727	Millet, Hungarian (108399) ..... Merrimack Farmers' Exc., Inc., Concord	97.05	98	S	81
10792	Millet, Hungarian (9052) ..... J. J. Moreau & Son, Manchester	97.68	98.37	S	90
10823	Millet, Hungarian ..... Nashua Grain Co., Nashua	97.19	99.60	S	85
10701	Millet, Hungarian ..... F. W. Neal & Co., Dover	A	98	48	90
10914	Millet, Hungarian (6831) ..... W. N. Potter Grain Stores, Inc., Winchester	S	98.45	S	85
10878	Millet, Hungarian ..... Rochester Grain Co., Rochester	A	99	81	90
10758	Millet, Hungarian (9056) ..... S. A. Schurman & Son, Portsmouth	S	98.50	S	90
10774	Millet, Hungarian ..... S. A. Schurman & Son, Portsmouth	S	99.04	S	90
10767	Millet, Hungarian (3679) ..... J. H. Seavey, Dover	S	98.95	68.5	91
10744	Millet, Hungarian (83-53) ..... F. B. Spaulding Co., Lancaster	A	98.38	S	93
11018	Millet, Hungarian (83-52) ..... C. P. Stevens Co., Franklin	S	98.50	S	80
10923	Millet, Hungarian (38-88) ..... Sunshine Feed Store, Keene	97.89	98.94	57.5	80
10820	Millet, Hungarian (81-2) ..... Sunshine Feed Store, Manchester	95.57	98.09	S	91
11058	Millet, Hungarian (38-88) ..... Sunshine Feed Store, West Lebanon	98.02	99.12	74	88
11001	Millet, Hungarian (J 66035) ..... A. J. Tureotte, Newmarket	S	99.60	65	82
10677	Millet, Hungarian (8341) ..... John B. Varick Co., Manchester	S	98.50	S	87
10805	Millet, Hungarian (J 66037) ..... H. D. Woods Co., Derry	S	99	S	88
10900	Millet, Japanese ..... Abbott Grocery Co., Keene	A	97.26	81	90
10901	Millet, Japanese ..... Abbott Grocery Co., Keene	A	96.49	S	90
10882	Millet, Japanese (100) ..... G. N. Bartemus Co., Henniker	S	98.50	75	85
10883	Millet, Japanese ..... Boynton & Ellis, Inc., Claremont	91.06	99.02	S	83.5
10888	Millet, Japanese (9070) ..... Checkerboard Feed Store, Claremont	S	97.77	68.5	85

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
11022	Millet, Japanese (38-95) ..... G. F. Clement & Son, Lisbon	S	98.42	S	80
10872	Millet, Japanese (5750) ..... Freeman Corson, Rochester	97.96	98.80	S	94
10741	Millet, Japanese ..... Eastern States Farmers Exc., Manchester	A	98	S	85
10804	Millet, Japanese ..... Farm Service Co., Derry	A	98.09	79	90
10899	Millet, Japanese (81186) ..... Farm Service Co., Keene	S	98	S	85
10968	Millet, Japanese (81-1) ..... Farm Service Co., Laconia	S	98.27	S	92
10934	Millet, Japanese (38-78) ..... Farm Service Co., Peterborough	96.59	98.58	75	84
10769	Millet, Japanese (9057) ..... Farm Service Co., Portsmouth	96.11	98	S	90
10747	Millet, Japanese (6394) ..... Farmers Grain & Feed Co., Lancaster	S	98	76.5	85
10977	Millet, Japanese (144) ..... Farmers' Grain Store, Ashland	S	99	S	87
10861	Millet, Japanese (9026) ..... Eugene C. Foss Co., Rochester	S	96	71.5	90
11045	Millet, Japanese ..... Holbrook Grocery Co.,, Woodsville	95.46	98.09	S	90
10949	Millet, Japanese ..... Hopkins Bros. & Belcher Greenfield	A	98	66	85
11036	Millet, Japanese ..... E. J. Keegan & Co., Franklin	S	98.60	S	90
10954	Millet, Japanese (717) ..... James H. Kiniry, Claremont	A	95.50	S	80
10852	Millet, Japanese (44-122) ..... H. P. Maxfield, Pittsfield	S	99.08	63.5	88
10712	Millet, Japanese (81193) ..... Merrimack Farmers' Exc., Inc., Concord	S	97.60	S	81
10793	Millet, Japanese ..... J. J. Moreau & Son, Manchester	S	97.49	S	90
10702	Millet, Japanese ..... F. W. Neal & Co., Dover	S	97.39	78	87
10704	Millet, Japanese ..... F. W. Neal & Co., Dover	S	98.06	S	90
10915	Millet, Japanese (6956) ..... W. N. Potter Grain Stores, Inc., Winchester	S	99	72	83
10952	Millet, Japanese (1332) ..... Rand, Ball & King Co., Claremont	98.43	99.44	S	87

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10989	Millet, Japanese H. C. Sanborn, Laconia	96.50	—	73	—
10773	Millet, Japanese (9060) S. A. Schurman & Son, Portsmouth	97.23	98.50	S	90
10743	Millet, Japanese (81-2) F. B. Spaulding Co., Lancaster	S	98.09	S	91
10924	Millet, Japanese (38-95) Sunshine Feed Store, Keene	S	98.42	S	80
10998	Millet, Japanese (J 5037) A. J. Turcotte, Newmarket	S	97	S	87
11002	Millet, Japanese (J 5036) A. J. Turcotte, Newmarket	S	98.07	S	80
10676	Millet, Japanese (81193) John B. Varick Co., Manchester	S	97.60	S	82
10816	Millet, Japanese W. A. Young, Exeter	96.19	97.76	S	86
10994	Mixture, Hayland No. 1 Eastern States Farmers Exc., Concord	97.73	99	S	80
10995	Mixture, Hayland No. 2 Eastern States Farmers Exc., Concord	S	98	S	80
10996	Mixture, Hayland No. 3 Eastern States Farmers Exc., Concord	S	99	S	75
10997	Mixture, Hayland No. 4 Eastern States Farmers Exc., Concord	A	99	S	70
10991	Mixture, Meadow Pasture A Eastern States Farmers Exc., Concord	S	94	S	80
10992	Mixture, Meadow-Pasture B Eastern States Farmers Exc., Concord	A	95.50	S	80
10993	Mixture, Meadow-Pasture Eastern States Farmers Exc., Concord	A	96	S	75
11028	Mixture, Stevens Special C. P. Stevens Co., Franklin	S	98.80	S	92.50
10937	Mixture, Beautiful Timothy and Alsike Goodnow Bros., Inc., East Jaffrey	A	87	60	90
10889	Oats (Pennant Brand) G. N. Bartemus Co., Henniker	98.29	99.50	S	98
10964	Oats (White Mountain) W. B. Brown, Ashland	S	98	S	92
10848	Oats (Wirthmore Fancy) V. H. Cassidy, Londonderry	S	98	S	95
10847	Oats (Overall Recleaned, Selected) Central Grain Co., Manchester	S	96	S	95

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10887	Oats (Selected) ..... Checkerboard Feed Stores, Claremont	S	97	S	94
11020	Oats (Sunshine) ..... G. F. Clement & Son, Lisbon	S	98	S	95
11038	Oats (Delaware) ..... W. E. Dunbar Sons, Franklin	S	98	S	98
11012	Oats (Selected) ..... Eastern States Farmers Exc., Concord	S	97	S	90
10742	Oats (Selected) ..... Eastern States Farmers Exc., Manchester	S	97	S	90
10746	Oats (40 # Sunshine) ..... Charles D. Glidden, Lancaster	S	98	54	95
11013	Oats (Swedish) ..... John H. Griffin, Newmarket	S	99	82	99
10897	Oats (White Mtn., Swedish Type, 73221) ..... Holbrook Grocery Co., Keene	S	99	S	95
10846	Oats (Recleaned White) ..... J. Jones & Son, Alton	S	98	S	98
10808	Oats (Swedish Type) ..... Merrimack Farmers' Exc., Inc., Derry	S	99	S	95
10813	Oats (Natural) ..... Merrimack Farmers' Exc., Inc., Exeter	S	99	S	95
10849	Oats (Hygrade Fancy) ..... Rochester Grain Co., Rochester	93.15	97	S	92
10779	Oats (Fancy, 5261) ..... J. H. Seavey, Dover	S	97	S	93
11033	Oats (Seed, 73-15) ..... C. P. Stevens Co., Franklin	S	99.52	S	95
10928	Oats (Arco Brand, 36-65) ..... Sunshine Feed Store, Keene	S	95	S	85
11061	Oats (Anchor, 36-86) ..... Sunshine Feed Store, West Lebanon	S	95	S	85
10684	Oats (Swedish Type, 07392) ..... John B. Varick Co., Manchester	S	98	S	94
11039	Orchard Grass ..... Holbrook Grocery Co., Woodsville	S	75	S	70
10930	Orchard Grass (37-29) ..... E. C. & W. L. Hopkins, Inc., Greenfield	84.09	90	S	79
10720	Orchard Grass (37-36) ..... Merrimack Farmers' Exc., Inc., Concord	S	90.08	S	90
10857	Red Clover (Polish) ..... Ayers & Jenkins Co., Rochester	S	99.40	S	95

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
11050	Red Clover (Med., Domestic, 49.3137) ..... L. C. Berry, Lebanon	S	99	S	88
10898	Red Clover ..... Boynton & Ellis, Inc., Claremont	98.04	99	73	93
10874	Red Clover (Pan American Med., 5576) ..... V. H. Cassidy, Londonderry	98.96	99.40	S	88
10880	Red Clover (Pine Tree, 24880) ..... Central Grain Co., Manchester	S	99	S	80
11025	Red Clover (Med. Hungarian, 6310) Clark & Richardson, Lisbon	S	99.56	S	84
11026	Red Clover (Med. Anchor, 15-128) G. F. Clement & Son, Lisbon	98.82	99.43	S	82
10908	Red Clover (Medium, L9.2936) ..... Roy B. Cook, Winchester	98.84	99.50	S	92
10873	Red Clover (3516) ..... Freeman Corson, Rochester	S	99.25	S	86
11008	Red Clover (Medium) ..... Eastern States Farmers' Exc., Inc. Concord	A	98.75	S	80
11009	Red Clover (Mammoth) ..... Eastern States Farmers' Exc., Inc. Concord	S	99	S	85
10739	Red Clover (Medium) ..... Eastern States Farmers' Exc., Inc. Manchester	S	99.20	A	60
10745	Red Clover (6367) ..... Farmers Grain & Feed Co., Lancaster	S	99	S	85
10978	Red Clover (Medium, B 2820) ..... Farmers Grain Store, Ashland	S	99	S	85
10807	Red Clover (Ace, 24474) ..... Farm Service Co., Derry	S	98	S	80
10764	Red Clover (Pan American, Domestic Med.) ..... Farm Service Co., Dover	S	99.51	S	87
10814	Red Clover (Ace, 24660) ..... Farm Service Co., Exeter	S	98.86	S	87
10860	Red Clover (Imported) ..... Eugene C. Foss Co., Rochester	A	99	S	70
10988	Red Clover (Liberty Med., 6316) .... Charles J. Goss, Lakeport	S	98.50	S	82
11004	Red Clover (Domestic, 5668) ..... John H. Griffin, Newmarket	S	99.04	S	85
11005	Red Clover (Pan American, Med., 5576) ..... John H. Griffin, Newmarket	S	99.25	S	90
10894	Red Clover (Medium, "Value", 1752) Holbrook Grocery Co., Keene	S	98.32	S	86

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
11047	Red Clover (Adaptable European) Holbrook Grocery Co., Woodsville	S	99.35	S	80
11054	Red Clover (Medium, 24917) Holbrook Grocery Co., Woodsville	S	97.54	S	85
10931	Red Clover (24-107) E. C. & W. L. Hopkins, Inc., Greenfield	A	99.16	S	81
10866	Red Clover (Medium, Imported) J. Jones & Son, Alton	S	99.22	S	90
10826	Red Clover (Domestic) Arthur J. Kashulines Co., Nashua	S	99.25	S	90
10827	Red Clover (Imported) Arthur J. Kashulines Co., Nashua	S	99	86	94
10958	Red Clover (Adaptable European, 2842) James H. Kiniry, Claremont	S	99	S	80
10853	Red Clover (Liberty, 5752) H. P. Maxfield, Pittsfield	S	99	S	86
10973	Red Clover (Pan Am., Med., Domestic, 5518) Meredith Grain Store, Meredith	S	99.33	S	83
10721	Red Clover, Mammoth (Pine Tree, 23202) Merrimack Farmers' Exc., Inc., Concord	S	99.64	S	85
10724	Red Clover (Pine Tree, Med., 24809) Merrimack Farmers' Exc., Inc., Concord	S	99.20	S	83
10725	Red Clover (Ace, 024609) Merrimack Farmers' Exc., Inc., Concord	S	98.50	S	82
10819	Red Clover (Canadian, 24 x 145) Merrimack Farmers' Exc., Inc., Exeter	S	98.84	S	82
10794	Red Clover (Ace, Poland, 024609) J. J. Moreau & Son, Manchester	S	98.50	S	82
10795	Red Clover J. J. Moreau & Son, Manchester	A	97.50	S	82
10825	Red Clover (Polish) Nashua Grain Co., Nashua	S	99	86.5	94
10909	Red Clover (L 9.1638) Nelson Warner Co., Charlestown	S	99.31	S	80
10917	Red Clover (Imported Medium, 6962) W. N. Potter Grain Stores, Inc., Winchester	S	99.46	S	92
10983	Red Clover (Northern) A W. Rand Co., Plymouth	A	98	62.5	90
10955	Red Clover (6927) Rand, Ball & King Co., Claremont	98.37	99	S	92
10875	Red Clover (Medium) Rochester Grain Co., Rochester	98.67	99.40	S	95

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10962	Red Clover (Imported Med., 5727) H. C. Sanborn, Laconia	S	99.22	S	90
10766	Red Clover (Pine Tree, 24661) S. A. Schurman & Son, Portsmouth	S	99.56	S	81
10749	Red Clover (Polish, 23 x 46) F. B. Spaulding Co., Lancaster	S	99	S	79
11030	Red Clover (Medium, 6412) C. P. Stevens Co., Franklin	S	99	S	90
11031	Red Clover (Ace, 230516) C. P. Stevens Co., Franklin	S	98.38	S	94
11034	Red Clover (Adaptable European, 2848) C. P. Stevens Co., Franklin	S	99.50	S	90
10922	Red Clover (Anchor, Med., 15-130) Sunshine Feed Store, Keene	S	99.39	S	80
10821	Red Clover (Medium, 15-105) Sunshine Feed Store, Manchester	S	99	S	85
11023	Red Clover (Domestic, Med., 15-105) Sunshine Feed Store, West Lebanon	98.66	99.34	S	80
11003	Red Clover (Ace, 024609) A. J. Turcotte, Newmarket	S	98.50	S	82
10693	Red Clover (Ace, 024796) John B. Varick Co., Manchester	S	98.10	S	91
10840	Red Top Ayers & Jenkins Co., Rochester	S	92	S	90
10890	Red Top (Pan American) G. N. Bartemus Co., Henniker	S	96	S	92
11052	Red Top (Monadnock) L. C. Berry, Lebanon	S	85.30	80	90
10842	Red Top (Ace, 41499) P. W. Bragg, Farmington	S	95.40	79	90
10961	Red Top (Ace, 41515) W. B. Brown, Ashland	S	95.90	S	91
10963	Red Top (White Mtn., Extra Fancy) W. B. Brown, Ashland	S	95	S	92
10844	Red Top (Pine Tree, 41411) V. H. Cassidy, Londonderry	A	95.40	S	90
10891	Red Top (Imperator) Checkerboard Feed Store, Claremont	S	90	S	90
10785	Red Top (Pan American, 4269) S. A. Dow & Son, North Hampton	88.83	95.50	S	90
11014	Red Top (Fancy Solid) Eastern States Farmers Exc., Concord	94.93	96.50	S	90
10731	Red Top (Fancy Solid) Eastern States Farmers Exc., Manchester	S	96.50	S	90

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10979	Red Top (9) ..... Farmers Grain Store, Ashland	S	92	76.5	90
10756	Red Top (Pan American, 4226) .... Farm Service Co., Dover	S	93	S	90
10777	Red Top (Pan American, 4278) ..... Farm Service Co., Dover	S	93.30	S	90
10833	Red Top (Pan American, 4278) ..... Farm Service Co., Exeter	90.86	93.30	S	90
10836	Red Top (Pan American, 4243) ..... Eugene C. Foss Co., Rochester	S	92.25	S	90
10839	Red Top (Pan American, 4282) ..... Eugene C. Foss Co., Rochester	S	94.73	S	90
10939	Red Top (XX) ..... Goodnow Bros., Inc., East Jaffrey	S	85	S	85
10987	Red Top (Fancy, 3397) ..... C. J. Goss, Lakeport	S	92	76	90
11015	Red Top (Pan American) ..... John H. Griffin, Newmarket	S	92	S	88
10892	Red Top (White Mtn.) ..... Holbrook Grocery Co., Keene	92.22	95.90	80	91
10906	Red Top (Fancy, Monadnock Brand) Holbrook Grocery Co., Keene	S	92	78	90
10907	Red Top (XX) ..... Holbrook Grocery Co., Keene	S	90	S	90
11057	Red Top (Fancy XX, 41535) ..... Holbrook Grocery Co., Woodsville	S	85.30	78	90
10940	Red Top (Pine Tree, 41-520) ..... E. C. & W. L. Hopkins, Inc., Greenfield	S	95.50	82	92
10837	Red Top ..... J. Jones & Son, Alton	S	92	S	90
10957	Red Top (XX) ..... James H. Kiniry, Claremont	S	90	S	90
10713	Red Top (Ace, Fancy, 41407) ..... Merrimack Farmers' Exc., Inc., Concord	S	92	S	90
10714	Red Top (Ace, Fancy, 41465) ..... Merrimack Farmers' Exc., Inc., Concord	S	93.30	S	92
10972	Red Top (Pan American) ..... Meredith Grain Store, Meredith	S	95	75	90
10786	Red Top (Fancy) ..... J. J. Moreau & Son, Manchester	S	92	79	90
10787	Red Top ..... J. J. Moreau & Son, Manchester	S	92	S	90
10828	Red Top (Bay State, Fancy) ..... Nashua Grain Co., Nashua	92.94	97.24	S	92
10703	Red Top (Pan American) ..... F. W. Neal & Co., Dover	S	94	70	88
10912	Red Top (Fancy, 3792) ..... Nelson Warner Co., Charlestown	S	96.55	75	91

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10918	Red Top (Fancy, 3757) ..... W. N. Potter Grain Stores, Inc., Winchester	S	92.95	77	91
10982	Red Top ..... A. W. Rand Co., Plymouth	88.73	95	S	90
10843	Red Top (Fancy, 3757) ..... Rochester Grain Co., Rochester	S	92.95	83	91
10778	Red Top (Fancy, 41504) ..... S. A. Schurman & Son, Portsmouth	A	93.50	S	90
10768	Red Top (Pan American, 4282) ..... J. H. Seavey, Dover	S	94.73	S	90
11063	Red Top (Ace, 41477) ..... C. P. Stevens Co, Franklin	91.20	93.50	82	90
10925	Red Top (Fancy, 30-53) ..... Sunshine Feed Store, Keene	S	93.30	80	92
10830	Red Top (30-35) ..... Sunshine Feed Store, Manchester	S	91.75	S	87
11064	Red Top (XX) ..... Sunshine Feed Store, West Lebanon	S	85.30	81.5	90
10730	Red Top (Ace, Fancy, 41465) ..... Thompson & Hoague Co., Concord	S	93.30	S	92
10689	Red Top (Pine Tree, Fancy, 41499) John B. Varick Co., Manchester	S	95.40	S	90
10690	Red Top (Ace, Fancy, 41505) ..... John B. Varick Co., Manchester	S	92.40	S	90
10691	Red Top (Pine Tree, Fancy, 41411) John B. Varick Co., Manchester	S	95.40	S	90
10692	Red Top (Ace, Fancy, 41410) ..... John B. Varick Co., Manchester	S	91.90	S	90
10832	Red Top (Pan American, 4210) ..... W. A. Young, Exeter	S	94	76	88
10812	Rye, Spring (8169) ..... Farm Service Co., Derry	S	98.04	74	85
10942	Rye (Rosen Type, 211) ..... E. C. & W. L. Hopkins, Inc., Greenfield	S	99	79	90
10711	Rye (Rosen) ..... Merrimack Farmers' Exc., Inc., Concord	S	95	54.5	95
10802	Rye (Rosen, 6552) ..... J. J. Morcau & Son, Manchester	S	97.70	S	88
10700	Rye, Winter ..... F. W. Neal & Co., Dover	S	9[illegible]	S	87
10784	Rye (Rosen) ..... S. A. Schurman & Son, Portsmouth	S	97	S	88
10735	Rye (Rosen) ..... Thompson & Hoague Co., Concord	S	97	S	88
10675	Rye, Spring (74210) ..... John B. Varick Co., Manchester	S	97.70	S	88

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10770	Rye Grass (Domestic) ..... S. A. Schurman & Son, Portsmouth	S	99.22	S	94
10694	Rye Grass (Domestic, 38200) ..... John B. Varick Co., Manchester	S	99.80	80.5	95
10966	Soy Beans (Black Wilson, 6311) ..... Chase Grain Mill, Plymouth	S	99.92	S	94
11011	Soy Beans (Dunfield) ..... Eastern States Farmers Exc., Concord	S	99.25	S	85
10810	Soy Beans (Black Wilson, 9451) ..... Farm Service Co., Derry	S	99	S	90
11043	Soy Beans (Wilson, 15961) ..... Holbrook Grocery Co., Woodsville	S	98	S	85
10941	Soy Beans (Black Wilson, 84-19) .... E. C. & W. L. Hopkins, Inc., Greenfield	S	99	81	90
10708	Soy Beans (Black Wilson, 84393) .... Merrimack Farmers' Exc., Inc., Concord	S	99	S	85
10709	Soy Beans (Manchu, 84312) ..... Merrimack Farmers' Exc., Inc., Concord	S	99	S	86
10850	Soy Beans (Illini, 84383) ..... Merrimack Farmers' Exc., Inc., Manchester	S	99	66	85
10697	Soy Beans (Black Wilson, 84393) .... John B. Varick Co., Manchester	S	99	S	90
10698	Soy Beans (Illini, 084388) ..... John B. Varick Co., Manchester	S	99	S	90
10734	Sudan Grass ..... Merrimack Farmers' Exc., Inc., Concord	S	95.50	76.5	86
11060	Sudan Grass (70-36) ..... Sunshine Feed Store, West Lebanon	S	97.49	74.5	85
10685	Sudan Grass (098234) ..... John B. Varick Co., Manchester	S	98.50	S	80
10686	Sudan Grass (098268) ..... John B. Varick Co., Manchester	S	97.07	S	85
11046	Sweet Clover (White Blossom, 25-15) Holbrook Grocery Co., Woodsville	S	99.56	61	84
10943	Sweet Clover (White Blossom, 25-17) E. C. & W. L. Hopkins, Inc., Greenfield	S	99.62	S	85
10723	Sweet Clover (White Blossom, Pine Tree, 25784) ..... Merrimack Farmers' Exc., Inc., Concord	S	99.30	S	88
10728	Sweet Clover (White Blossom, Pine Tree, 25672) ..... Merrimack Farmers' Exc., Inc., Concord	A	99.54	S	77

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10911	Sweet Clover (6373) ..... Nelson Warner Co., Charlestown	S	98.41	51	78
10678	Sweet Clover (White Blossom, 025877) ..... John B. Varick Co., Manchester	S	99.34	S	87
10886	Timothy (Pine Tree, 69757) ..... G. N. Bartemus Co., Henniker	S	99.65	S	93
10953	Timothy (Pine Tree, 66216) ..... Boynton & Ellis, Inc., Claremont	98.47	99.60	S	94
10856	Timothy (Pine Tree) ..... P. W. Bragg, Farmington	S	99	S	90
10960	Timothy (Pan American) ..... W. B. Brown, Ashland	S	99.60	S	92
10933	Timothy (Pine Tree, 066560) ..... W. A. Bryer & Co., Peterborough	S	99.60	16	94
10877	Timothy (Liberty, 6399) ..... Central Grain Store, Manchester	S	99.60	S	90
10885	Timothy (Pan American) ..... Checkerboard Feed Store, Claremont	S	99.60	S	92
10947	Timothy (Pine Tree, 69331) ..... F. W. Clark, Wilton	S	99.70	S	94
11027	Timothy (Arco, 10-153) ..... G. F. Clement & Son, Lisbon	98.89	99.60	S	93
10919	Timothy (Iowa, Le. 2936) ..... Roy B. Cook, Winchester	S	99.57	S	90
10871	Timothy (Liberty, 2597) ..... Freeman Corson, Rochester	98.71	99.60	S	93
10796	Timothy (Pan American) ..... S. A. Dow & Son, North Hampton	S	99.60	S	92
11037	Timothy (Pine Tree, 266272) ..... W. E. Dunbar & Sons, Franklin	S	99.60	81.5	94
11010	Timothy ..... Eastern States Farmers Exc., Concord	S	99.50	S	90
10737	Timothy ..... Eastern States Farmers Exc., Manchester	S	99.50	S	90
10751	Timothy (Lark, 2675) ..... Farmers Grain & Feed Co., Lancaster	S	98.50	S	90
10754	Timothy (Liberty, 2587) ..... Farmers Grain & Feed Co., Lancaster	S	99.60	S	93
10974	Timothy (Blue Ribbon, B 1196) .... Farmers Grain Store, Ashland	S	99.60	S	90
10761	Timothy (Pan American, 626) ..... Farm Service Co., Dover	99.27	99.70	S	95
10859	Timothy (Pan American) ..... Eugene C. Foss Co., Rochester	S	99.60	S	94

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10935	Timothy ..... Goodnow Bros. Co., East Jaffrey	S	99.50	S	92
10985	Timothy (Liberty, 5975) ..... C. J. Goss, Lakeport	S	99.60	S	92
10986	Timothy (Liberty, 1877) ..... C. J. Goss, Lakeport	99.06	99.60	S	92
10999	Timothy (Pan American) ..... John H. Griffin, Newmarket	S	99.60	S	92
11041	Timothy (Pine Tree, 66236) ..... C. M. Hildreth Co., Lebanon	S	99.60	S	94
10893	Timothy (Special, 66167) ..... Holbrook Grocery Co., Keene	S	99	S	90
10903	Timothy (Pine Tree, 69887) ..... Holbrook Grocery Co., Keene	S	99.65	S	93
10904	Timothy (White Mtn., 66217) ..... Holbrook Grocery Co., Keene	99.11	99.60	S	93
10905	Timothy (Monadnock, 69913) ..... Holbrook Grocery Co., Keene	S	99.50	82	94
11053	Timothy (White Mtn., Extra Fancy, 66217) ..... Holbrook Grocery Co., Woodsville	99.01	99.60	S	93
11056	Timothy (Pine Tree, 66193) ..... Holbrook Grocery Co., Woodsville	S	99.65	S	94
10948	Timothy (Monadnock) ..... Hopkins Bros. & Belcher, Greenfield	S	99.50	S	94
10945	Timothy (Pine Tree, 66-580) ..... E. C. & W. L. Hopkins, Inc., Greenfield	98.91	99.60	S	91
10862	Timothy (Liberty) ..... J. Jones & Son, Alton	S	99.50	S	90
10863	Timothy (Herald) ..... J. Jones & Son, Alton	S	97.48	81	90
10865	Timothy ..... J. Jones & Son, Alton	96.46	98	S	91
11035	Timothy (Pan American, 623) ..... E. J. Keegan & Co., Franklin	99.20	99.65	S	93
10950	Timothy (Special) ..... James H. Kiniry, Claremont	A	97	S	90
10855	Timothy (Liberty, 5465) ..... H. P. Maxfield, Pittsfield	S	99.60	S	92
10971	Timothy (Pan American) ..... Meredith Grain Store, Meredith	98.88	99.60	S	92
10715	Timothy (Pine Tree, 69995) ..... Merrimack Farmers' Exc., Inc., Concord	S	99.65	S	95
10716	Timothy (Pine Tree, 66101) ..... Merrimack Farmers' Exc., Inc., Concord	S	99.70	S	95

A=Above S=Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10722	Timothy (Pine Tree, 69777) Merrimack Farmers' Exc., Inc., Concord	S	99.65	S	93
10797	Timothy (Pan American) J. J. Moreau & Son, Manchester	S	99.60	S	90
10798	Timothy (Pan American) J. J. Moreau & Son, Manchester	S	99.60	S	94
10824	Timothy Nashua Grain Co., Nashua	99.16	99.57	S	92
10699	Timothy (Pan American) F. W. Neal & Co., Dover	S	99.60	S	92
10910	Timothy (Liberty, 6631) Nelson Warner Co., Charlestown	S	99.75	S	95
10920	Timothy (Liberty, 6755) W. N. Potter Grain Stores, Inc., Winchester	S	99.66	S	90
10984	Timothy A. W. Rand Co., Plymouth	A	99	S	92
10956	Timothy (Liberty, 3810) Rand, Ball & King Co., Claremont	99.17	99.65	S	93
10876	Timothy Rochester Grain Co., Rochester	S	99.80	S	95
10990	Timothy H. C. Sanborn, Laconia	99.12	—	70	—
10763	Timothy (Pine Tree, 6693) S. A. Schurman & Son, Portsmouth	S	99.60	S	94
10765	Timothy (Pine Tree, 6623) S. A. Schurman & Son, Portsmouth	S	99.65	S	94
10776	Timothy (Pan American) S. A. Schurman & Son, Portsmouth	S	99.60	S	92
10762	Timothy (Liberty, 6635) J. H. Seavey, Dover	S	99.66	S	94
10752	Timothy (Pine Tree, 66-538) F. B. Spaulding Co., Lancaster	S	99.60	S	93
11019	Timothy C. P. Stevens Co., Franklin	S	99	S	90
11029	Timothy C. P. Stevens Co., Franklin	S	99.60	S	94
11032	Timothy (Oriole, 2131) C. P. Stevens Co., Franklin	S	99.60	S	90
10929	Timothy (Areo Brand, 10-153) Sunshine Feed Store, Keene	99.04	99.60	S	93
10822	Timothy (10-127) Sunshine Feed Store, Manchester	99.24	99.60	S	92
10736	Timothy (Pine Tree, 66101) Thompson & Hoague Co., Concord	S	99.70	S	95
11000	Timothy (Pine Tree, 69331) A. J. Turcotte, Newmarket	S	99.70	S	94

A—Above S—Satisfactory

SEED INSPECTION, 1938—Continued

Sample No.	Kind of Seed, Brand, Name and Address of Dealer	Purity		Germination	
		Found	Guaranteed	Found	Guaranteed
10687	Timothy (Pine Tree, 6651) ..... John B. Varick Co., Manchester	S	99.65	S	93
10688	Timothy (Pine Tree, 66193) ..... John B. Varick Co., Manchester	S	99.65	S	94
10965	Timothy (Pine Tree, 69331) ..... Weeks & Smith, Meredith	99.19	99.70	S	94
10817	Timothy (Gem) ..... W. A. Young, Exeter	96.86	99.04	23	83
10818	Timothy (Pan American) ..... W. A. Young, Exeter	99.24	99.60	S	92
10707	Vetch, Winter (99175) ..... Merrimack Farmers' Exc., Inc., Concord	S	98.61	S	81
10801	Vetch, Hairy ..... J. J. Moreau & Son, Manchester	S	98	S	90
10921	Vetch, Hairy (43-38) ..... Sunshine Feed Store, Keene	S	98	S	80
10811	Wheat, Spring (850) ..... Farm Service Co., Derry	S	99	S	95
11042	Wheat, Spring (Marquis Type, 73119) ..... Holbrook Grocery Co., Woodsville	S	98	69.5	94
10809	Wheat, Spring (Marquis Type, 75125) ..... Merrimack Farmers' Exc., Inc., Derry	S	98.56	S	90
10800	Wheat, Spring (Marquis, 8166) .... J. J. Moreau & Son, Manchester	S	99.13	S	85
10681	Wheat, Spring (Marquis Type, 75123) ..... John B. Varick Co., Manchester	S	98.32	S	94
10789	White Clover ..... J. J. Moreau & Son, Manchester	S	97.03	S	74
10790	White Clover (6069) ..... J. J. Moreau & Son, Manchester	S	98	S	82
10732	White Clover (Choice, 26-313) ..... Thompson & Hoague Co., Concord	S	99	S	91
10682	White Clover (N-D-W, 321) ..... John B. Varick Co., Manchester	S	98.65	S	81

A=Above S=Satisfactory

SUMMARY TABLE

Showing General Results of Seed Inspection Work
for the year ending June 30, 1938

	Number of Samples	Purity Compared to Guarantee			No Guarantee	Germination Compared to Guarantee			No Guarantee
		Above	Satisfactory	Below		Above	Satisfactory	Below	
Alfalfa	9	—	9	—	—	—	9	—	—
Alsike Clover	28	1	22	5	—	—	26	2	—
Barley	3	—	3	—	—	—	3	—	—
Bluegrass, Kentucky	7	—	7	—	—	—	6	1	—
Buckwheat, Japanese	3	—	3	—	—	—	3	—	—
Crimson Clover	1	—	1	—	—	—	—	1	—
Chewing's Fescue	1	—	1	—	—	—	—	1	—
Field Peas	10	—	10	—	—	—	6	4	—
Millet, Golden	1	—	1	—	—	—	1	—	—
Millet, Hungarian	45	7	27	11	—	1	30	14	—
Millet, Japanese	35	6	20	8	1	—	23	11	1
Mixtures	9	4	4	1	—	—	8	1	—
Oats	21	—	19	2	—	—	19	2	—
Orchard Grass	3	—	2	1	—	—	3	—	—
Red Clover	54	5	42	7	—	1	49	4	—
Red Top	50	2	41	7	—	—	32	18	—
Rye	8	—	8	—	—	—	5	3	—
Rye Grass	2	—	2	—	—	—	1	1	—
Soy Beans	10	—	10	—	—	—	8	2	—
Sudan Grass	4	—	4	—	—	—	2	2	—
Sweet Clover	6	1	5	—	—	—	4	2	—
Timothy	70	2	49	18	1	—	64	5	1
Vetch	3	—	3	—	—	—	3	—	—
Wheat	5	—	5	—	—	—	4	1	—
White Clover	4	—	4	—	—	—	4	—	—
	392	28	302	60	2	2	313	75	2

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